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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas J. CAMPANA, Jr. et al
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Filed: May 18, 1995
For: ELECTRONIC MAIL SYSTEM WITH RF
COMMUNICATIONS TO MOBILE PROCESSORS
Group: 2608
Examiner: G. Oehling

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THIRD SUPPLEMENTAL AMENDMENT

Honorable Commissioner of
Patents and Trademarks
Washington, D. C. 20231

February 15, 1996

Sir:

This Amendment is supplemental to the first Supplemental
Amendment of December 27, 1995 and the Second Supplemental
Amendment of January 5, 1996.

IN THE CLAIMS:

Please add new claims 259-362 as follows:

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--259. A system for transmitting originated information
from one of a plurality of originating processors, contained
in any one of a plurality of electronic mail systems, to at
least one RF receiver with the originated information
originating from one of the plurality of originating
processors and being transmitted by an RF information
transmission network to the at least one RF receiver and for
transmitting other originated information originating from one

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of the originating processors and being transmitted through a wireline without using the RF information transmission network to at least one of the plurality of destination processors comprising:

at least one interface switch, one of the at least one interface switch connecting at least one of the plurality of electronic mail systems containing the plurality of originating processors to the RF information transmission network; and wherein

the originated information is transmitted from the one of the at least one interface switch to the RF information transmission network with an address of the at least one RF receiver to receive the originated information being added at the originating processor originating the originated information, or by either one of the plurality of electronic mail systems that contains the one of the plurality of originating processors or the one interface switch.

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260. A system in accordance with claim 259 wherein:

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one of the plurality of destination processors is coupled to one of the at least one RF receiver and receives the originated information.

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261. A system in accordance with claim 259 wherein:

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the one interface switch stores the originated information, assembles the originated information with originated information received from a plurality of the originating processors into a packet and transmits the packet to the RF transmission network.

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262. A system in accordance with claim 259 wherein:

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the wireline transmitting the other originated information between the one of the plurality of originating processors and the at least one of the plurality of destination processors uses one of either a public or private switch telephone network with the at least one of the plurality of destination processors being addressed during transmission of the other originated information to the at least one of the plurality of destination processors when using the public or private switch telephone network with a different address than the address used during transmission of the originated information to the at least one RF receiver by the RF information transmission network.

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263. A method for transmitting originated information from one of a plurality of originating processors, contained in any of a plurality of electronic mail systems, to at least one RF receiver with the originated information originating from one of the plurality of originating processors and being transmitted by an RF information transmission network to the

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at least one RF receiver and for transmitting other originated information originating from one of the originating processors and being transmitted through a wireline without using the RF information transmission network to at least one of the plurality of destination processors comprising:

connecting at least one of the plurality of electronic mail systems containing the plurality of originating processors to the RF information transmission network with at least one interface switch; and

transmitting the originated information from one of the at least one interface switch to the RF information transmission network with an address of the at least one RF receiver to receive the originated information being added at the originating processor originating the originated information, or by either one of the plurality of electronic mail systems that contains the one of the plurality of originating processors or the one interface switch.

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264. A method in accordance with claim 263 further comprising:

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one of the at least one RF receiver transmits the originated information to one of the plurality of destination processors.

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A method in accordance with claim 263 wherein:

the one interface switch stores the originated information, assembles the originated information with originated information received from a plurality of the originating processors into a packet and transmits the packet to the RF transmission network.

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266. A method in accordance with claim 263 wherein:

the wireline transmitting the other originated information between the one of the plurality of originating processors and the at least one of the plurality of destination processors uses one of either a public or private switch telephone network with the at least one of the plurality of destination processors being addressed during transmission of the other originated information to the at least one of the plurality of destination processors when using the public or private switch telephone network with a different address than the address used during transmission of the originated information to the at least one RF receiver by the RF information transmission network.

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267. A system for transmitting originated information from one of a plurality of originating processors, contained in any one of a plurality of electronic mail systems, to at least one RF receiver with the originated information originating from one of the plurality of originating processors and being transmitted by an RF information

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transmission network to the at least one RF receiver and for transmitting other originated information originating from one of the originating processors and being transmitted through a wireline without using the RF information transmission network to at least one of the plurality of destination processors comprising:

at least one interface switch, one of the at least one interface switch connecting at least one of the plurality of electronic mail systems containing the plurality of originating processors to the RF information transmission network; and wherein

the originated information is transmitted from the one of the at least one interface switch to the RF information transmission network with an address of the at least one of RF receiver to receive the originated information being added to the originated information before transmission of the originated information by the RF information transmission network to the at least one RF receiver.

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268. A system in accordance with claim 267 wherein:

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one of the plurality of destination processors is coupled to one of the at least one RF receiver and receives the originated information.

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269. A system in accordance with claim 267 wherein:

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the one interface switch stores the originated information, assembles the originated information with originated information received from a plurality of the originating processors into a packet and transmits the packet to the RF transmission network.

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270. A system in accordance with claim 267 wherein:

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the wireline transmitting the other originated information between the one of the plurality of originating processors and the at least one of the plurality of destination processors uses one of either a public or private switch telephone network with the at least one of the plurality of destination processors being addressed during transmission of the other originated information to the at least one of the plurality of destination processors when using the public or private switch telephone network with a different address than the address used during transmission of the originated information to the at least one RF receiver by the RF information transmission network.

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271. A method for transmitting originated information from one of a plurality of originating processors, contained in any one of a plurality of electronic mail systems, to at least one RF receiver with the originated information originating from one of the plurality of originating processors and being transmitted by an RF information

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G8 } transmission network to the at least one RF receiver and for transmitting other originated information originating from one of the originating processors and being transmitted through a wireline without using the RF information transmission network to at least one of the plurality of destination processors comprising:

connecting at least one of the plurality of electronic mail systems containing the plurality of originating processors to the RF information transmission network with at least one interface switch; and

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cont. transmitting the originated information from one of the at least one interface switch to the RF information transmission network with an address of the at least one RF receiver to receive the originated information being added to the originated information before transmission of the originated information by the RF transmission network to the at least one RF receiver.

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272. A method in accordance with claim ¹⁸⁵271 further

comprising:

one of the at least one RF receiver transmits the originated information to one of the plurality of destination processors.

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~~273.~~ A method in accordance with claim ¹⁸⁵~~271~~ wherein:

the one interface switch stores the originated information, assembles the originated information with originated information received from a plurality of the originating processors into a packet and transmits the packet to the RF transmission network.

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~~274.~~ A method in accordance with claim ~~271~~ wherein:

the wireline transmitting the other originated information between the one of the plurality of originating processors and the at least one of the plurality of destination processors uses one of either a public or private switch telephone network with the at least one of the plurality of destination processors being addressed during transmission of the other originated information to the at least one of the plurality of destination processors when using the public or private switch telephone network with a different address than the address used during transmission of the originated information to the at least one RF receiver by the RF information transmission network.

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cont.

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A system in accordance with claim 259 wherein:
the one interface switch removes from the
originated information information added by the one of the
plurality of electronic mail systems containing the one of the
plurality of originating processors and adds information, used
by the RF information transmission network during transmission
of the originated information through the RF information
transmission network to the at least one RF receiver in the RF
information transmission network, to the originated
information.

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276.

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A system in accordance with claim 259 wherein:
the RF information transmission network comprises a
RF information transmission network switch which receives the
originated information; and

the RF information transmission network transmits
the originated information including an identification number
of the at least one RF receiver from the RF information
transmission network switch to another RF transmission network
switch at a destination of the at least one RF receiver in the
RF information transmission network to which the originated
information and the identification number is to be transmitted
by the RF information transmission network and transmits the
originated information and the identification number to the at
least one RF receiver by RF broadcast to the at least one RF
receiver.

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¹⁹¹
~~277.~~ A system in accordance with claim ¹⁸⁹~~275~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

¹⁹²
~~278.~~ A system in accordance with claim ¹⁷⁵~~261~~ wherein:

the one interface switch removes from the originated information information added by one of the plurality of the electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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279. A system in accordance with claim 261 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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cont.

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280. A system in accordance with claim 278 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted

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by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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281. A system in accordance with claim 176 wherein:
the one interface switch removes from the originated information information added by the one of the plurality of electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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cont.

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282. A system in accordance with claim 176 wherein:
the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted

by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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283.

A system in accordance with claim ¹⁹⁵~~281~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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284.

A method in accordance with claim ¹⁷⁷~~263~~ wherein:

the one interface switch removes from the originated information information added by one of the plurality of the electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during

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~~transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.~~

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285. A method in accordance with claim ~~263~~ ¹⁷⁷ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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286. A method in accordance with claim ~~284~~ ¹⁷⁸ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number

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of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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A method in accordance with claim wherein:

the one interface switch removes from the originated information information added by the one of the plurality of electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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288. A method in accordance with claim ¹⁷⁹~~265~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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289. A method in accordance with claim ²⁰¹~~287~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted

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by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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~~266~~

A method in accordance with claim ~~266~~ wherein:
the one interface switch removes from the originated information information added by the one of the plurality of electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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~~291~~

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~~266~~

A method in accordance with claim ~~266~~ wherein:
the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted

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by the RF information transmission network switch and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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~~292~~

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~~299~~

A method in accordance with claim ~~299~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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293. A system in accordance with claim ¹⁸¹267 wherein:

the one interface switch removes from the originated information information added by the one of the plurality of electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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294. A system in accordance with claim ¹⁸¹267 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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295. A system in accordance with claim ~~293~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission ~~network~~ transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission ~~network~~ switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission ~~network~~ and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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296. A system in accordance with claim ~~269~~ wherein:

the one interface switch removes from the originated information information added by the one of the plurality of electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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269 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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298.

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296 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted

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by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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A system in accordance with claim ~~269~~ wherein:
the one interface switch removes from the originated information information added by the one of the plurality of electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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~~183~~

~~300.~~ A system in accordance with claim ~~269~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted.

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by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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301. A system in accordance with claim ²¹³~~299~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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A method in accordance with claim 271 wherein:

the one interface switch removes from the originated information information added by the one of the plurality of electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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303.

A method in accordance with claim 271 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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304. A method in accordance with claim 302 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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305. A method in accordance with claim 273 wherein:

the one interface switch removes from the originated information information added by the one of the plurality of electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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A method in accordance with claim 273 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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307. A method in accordance with claim 305 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted

by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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~~308~~

A method in accordance with claim 274 wherein:
the one interface switch removes from the originated information information added by one of the plurality of the electronic mail systems containing the one of the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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~~309~~

A method in accordance with claim 274 wherein:
the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted

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by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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310.

A method in accordance with claim 308 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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311. A system in accordance with claim 259 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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312. A system in accordance with claim 260 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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313. A system in accordance with claim 261 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

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Iso > transmission networks through the one of the at least one interface switch.

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314. A system in accordance with claim 262 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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315. A system in accordance with claim 262 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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~~316.~~ A system in accordance with claim ~~268~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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~~317.~~ A system in accordance with claim ~~269~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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~~318.~~ A system in accordance with claim ~~270~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

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transmission networks through the one of the at least one interface switch.

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~~319~~ A system in accordance with claim ~~275~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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Cont.

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~~320~~ A system in accordance with claim ~~276~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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321. A system in accordance with claim ~~277~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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322. A system in accordance with claim ~~278~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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323. A system in accordance with claim ~~279~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

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transmission networks through the one of the at least one interface switch.

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324. A system in accordance with claim 280 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F,
Cont.

239

195

325. A system in accordance with claim 281 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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326. A system in accordance with claim 282 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

241

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327. A system in accordance with claim 283 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F
cont.

242

207

328. A system in accordance with claim 293 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

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I-50 } transmission networks through the one of the at least one interface switch.

243
329. A system in accordance with claim 208 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F
cont
244
330. A system in accordance with claim 295 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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331. A system in accordance with claim 296 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

246

211

332. A system in accordance with claim 297 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

247

212

333. A system in accordance with claim 298 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

sub
ISO } transmission networks through the one of the at least one interface switch.

248
~~334.~~ A system in accordance with claim ~~299~~²¹³ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F,
cont } 249
~~335.~~ A system in accordance with claim ~~300~~²¹⁴ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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336. A system in accordance with claim ²¹⁵~~301~~ further

comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

251

337. A method in accordance with claim ¹⁷⁷~~263~~ further

comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F₁
cont.

252

338. A method in accordance with claim ¹⁷⁸~~264~~ further

comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

sub
Iso

transmission networks through the one of the at least one interface switch.

253

179

339. A method in accordance with claim 265 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

254

180

340. A method in accordance with claim 266 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

Sub
190

255

185

341. A method in accordance with claim 271 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

256

186

342. A method in accordance with claim 272 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

257

187

343. A method in accordance with claim 273 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

sub
Iso

transmission networks through the one of the at least one interface switch.

258

188

~~344~~ A method in accordance with claim ~~274~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F,
cont

259

198

~~345~~ A method in accordance with claim ~~284~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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346. A method in accordance with claim 285 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

261

200

347. A method in accordance with claim 286 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

262

201

348. A method in accordance with claim 287 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

Sub
Iso

transmission networks through the one of the at least one interface switch.

263

349. A method in accordance with claim 288 further comprising:

202

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F₁

Cont.

264

350. A method in accordance with claim 289 further comprising:

203

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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²⁶⁵
~~351~~. A method in accordance with claim ²⁰⁴~~290~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F
cont.

²⁶⁶
~~352~~. A method in accordance with claim ²⁰⁵~~291~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

²⁶⁷
~~353~~. A method in accordance with claim ²⁰⁶~~292~~ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

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transmission networks through the one of the at least one interface switch.

268

216

354. A method in accordance with claim 302 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

F₁

cont.

269

217

355. A method in accordance with claim 303 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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~~356.~~ A method in accordance with claim ~~304~~²¹⁸ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

271

~~357.~~ A method in accordance with claim ~~305~~²¹⁹ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

272

~~358.~~ A method in accordance with claim ~~306~~²²⁰ further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information

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ISO

transmission networks through the one of the at least one interface switch.

273
359

221
307

A method in accordance with claim further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

cont.

274
360

222
308

A method in accordance with claim further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

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361

223

A method in accordance with claim 309, further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.

276

224

A method in accordance with claim 310 further comprising:

a plurality of RF information transmission networks with each RF information transmission network being connected to at least one of the at least one interface switch with the originated information being transmitted to the at least one RF receiver by one of the plurality of RF information transmission networks through the one of the at least one interface switch.--

REMARKS

Newly submitted claims 259-310 define a system for transmitting originated information from one of a plurality of originating processors contained in any one of a plurality of electronic mail systems, to at least one RF receiver with the originated information originating from one of the plurality of originating processors and being transmitted by an

RF information transmission network to at least one RF receiver and for transmitting other originated information originating from one of the originating processors and being transmitted through a wireline without using the RF information transmission network to at least one of the plurality of destination processors and a corresponding method. The subject matter of newly presented claims 259-310 corresponds to the subject matter illustrated in Fig. 9 in which at least one interface switch is coupled to a plurality of electronic mail systems. Furthermore, newly submitted dependent claims 311-362 cover the system of Fig. 8 where a plurality of RF information transmission networks 302 are illustrated which has not been previously claimed in this application.

Claims 259-310 differ from those previously presented in the December 29, 1995 Supplemental Amendment and the January 5, 1996 Second Supplemental Amendment by claiming that the system contains a plurality of electronic mail systems as illustrated in Fig. 9 which are coupled to the at least one interface switch.

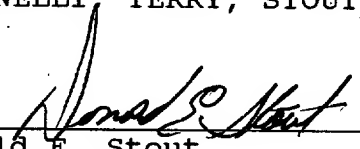
The claims are patentable for the same reasons set forth in the Amendment of December 27, 1995, the Supplemental Amendment of December 29, 1995 and the January 5, 1996 Second Supplemental Amendment.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout &

Kraus, Deposit Account No. 01-2135 (780.29643CX1), and please credit any excess fees to such deposit account.

Respectfully submitted,

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DES:dlh